

**IN THE U.S. PATENT AND TRADEMARK OFFICE**

Application No.: 10/519,699  
Filing Date: September 14, 2005  
Inventor(s): Thomas N. Horsky  
Group Art Unit: 2881  
Examiner Name: Johnnie L. Smith  
Customer No.: 27160  
Title: ION IMPLANTATION DEVICE  
AND A METHOD OF SEMICONDUCTOR  
MANUFACTURING BY THE  
IMPLANTATION OF BORON HYDRIDE  
CLUSTER IONS

Confirmation No.: 6928

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

**AMENDMENT**

Sir:

In response to the Official Action, mailed on February 4, 2010, please enter the following amendment:

**Amendments to the Claims** are reflected in the listing of claims which begins on page 2 of this paper.

**Remarks/Arguments** begin on page 9.